Lecture notes for Week 8:

by Ken Clowes

Table of contents

1. Topics

1. Trees
2. Binary Search Trees

1.1. Textbook portions covered

Introduction to Algorithms (Cormen et al.)

Chapter 12, Appendix B.5

Engineering Algorithms...(Clowes "online book")

Chapter 7

2. Lecture 22 (Friday, March 4, 2005)

2.1. Midterm

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2.2. Lecture 23/24 (Tuesday, March 8, 2005)

2.2.1. Announcements

• Midterms returned next week.

2.2.2. Topics

• Tree definitions.
• Ordered vs. unordered
• Binary Trees
• Traversals
• Algorithms: Find, Add, Delete, Min, Max, Predecessor, Successor

2.2.3. Suggested Problems

Introduction to Algorithms (Cormen et al.)
Engineering Algorithms...(Clowes "online book")
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